

52 FR 43804

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

Public Health Service

52 FR 43804

November 16, 1987

Chemicals Nominated for National Toxicology Program; Toxicological Studies; Request for Comments

**SUMMARY:** On September 29, 1987, the Chemical Evaluation Committee (CEC) of the **National Toxicology Program** (NTP) met to review seven chemicals nominated for toxicology studies and to recommend the types of studies to be performed, if any. With this notice, the NTP solicits public comments on the seven chemicals listed herein.

**FOR FURTHER INFORMATION CONTACT:** Dr. Victor A. Fung, Chemical Selection Coordinator, **National Toxicology Program**, Room 2B55, Building 31, National Institutes of Health, Bethesda, Maryland 20892, (301) 496-3511.

**TEXT: SUPPLEMENTARY INFORMATION:** As part of the chemical selection process of the National Toxicology Program, nominated chemicals which have been reviewed by the NTP Chemical Evaluation Committee (CEC) are published with request for comment in the Federal Register. This is done to encourage active participation in the NTP chemical evaluation process, thereby helping the NTP to make more informed decisions as to whether to select, defer or reject chemicals for toxicology study. Comments and data submitted in response to this request are reviewed and summarized by NTP technical staff, are forwarded to the NTP Board of Scientific Counselors for use in their evaluation of the nominated chemicals, and then to the NTP Executive Committee for decision-making. The NTP chemical selection process is summarized in the Federal Register, April 14, 1981 (46 FR 21828), and also in the NTP FY 1987 *Annual Plan*, pages 17-19.

On September 29, 1987, the CEC met to evaluate seven chemicals nominated to the NTP for toxicological studies. The following table lists the chemicals, their Chemical Abstract Service (CAS) registry numbers, and the types of toxicological studies recommended by the CEC at the meeting.

| Chemical  | CAS No.    | Committee recommendations   |
|---|------------|---|
| 1. Heptachlor                                   | 76-44-8    | -- Perinatal toxicity studies.  |
| 2. Heptachlor epoxide.                          | 1024-57-3  | -- Perinatal toxicity studies.  |
| 3. Lead (II) oxide                              | 1317-36-8  | -- Defer.   |
| 4. Lead (III) sulfide.                          | 1314-87-0  | -- Defer.   |
| 5. Ozone  | 10028-15-6 | -- Carcinogenicity.<br>-- Genotoxicity.                               |
| 6. Polyvinyl alcohol (Molecular weight, 25,000. | 9002-89-5  | -- Chemical disposition.<br>-- Teratogenicity.<br>-- Carcinogenicity. |
| 7. Primaclone                                   | 125-33-7   | -- Carcinogenicity.   |

Of the seven chemicals, two have been previously selected for study by the NTP. Heptachlor was non-mutagenic in the *Salmonella* microsomal assay, and positive for chromosomal aberrations and sister chromatid exchanges in Chi-

nese hamster cells *in vitro*. In feeding carcinogenicity studies, heptachlor was carcinogenic in both sexes of mice but not in rats. This chemical is currently on test in the mouse lymphoma assay. Primaclone was mutagenic in the *Salmonella* microsomal assay.

Interested parties are requested to submit pertinent information. The following types of data are of particular relevance:

- (1) Modes of production, present production levels, and occupational exposure potential.
- (2) Uses and resulting exposure levels, where known.
- (3) Completed, ongoing and/or planned toxicologic testing in the private sector including detailed experimental protocols and results, in the case of completed studies.
- (4) Results of toxicological studies of structurally related compounds.

Please submit all information in writing by (thirty days after date of publication). Any submission received after the above date will be accepted and utilized where possible.

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Director, National Toxicology Program.

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